

CURRENT LIST of MEDICAL LITERATURE

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MEDICAL INDEXING

(continued from last issue (No.13))

IMPERFECTIONS OF TITLES. It is regrettable to note the many cases in which the titles to papers are incorrect or are misleading. This occurs in cases describing painstaking research as well as in those in which few or no original observations or experimental results are recorded. Also it is frequently impossible to know from the title whether a paper contains new material of value or is simply one written for the enlightenment or instruction of those not familiar with the subject. The number of such papers which fill medical literature is very great and their utility for the advancement of medical research in many cases may be questioned.

COMPREHENSIVENESS. The question of exercising discrimination in the selection of the material to be indexed is one upon which opinions will certainly vary widely. There is of course, no way of estimating the amount of time wasted in going over voluminous indexes and being confused over references to papers which are not germane to the subject or which contain new and helpful information. On the other hand, the possibility must be admitted that time wasted in this manner on the part of many, may be counterbalanced by the occasional discovery of valuable material in comprehensive but indiscriminate indexes containing good, bad and indifferent references, some of which may be of use to someone at some time. This raises the question in regard to the particular group of persons for whom each index is intended. If it is for those engaged in experimental research, the purely didactic articles and those having popular appeal only will not be needed. For persons having a superficial knowledge of a subject only and who merely desire instruction, digests and text books are the most convenient sources of information.

ARRANGEMENT. The completeness with which all papers upon a given subject can be indexed under a single appropriate heading will vary, since there are many in which a doubt will arise as to the particular heading under which they should appear. Proper classification requires careful study at one time of all titles available for indexing in order to decide what can rightly be classed together under clearly defined subdivisions of medical research. The number and size of these groups will vary with the progress of research.

The most appropriate and widely known designation should be selected for each subject group. Alternative names which are available for the same subject should be listed in their alphabetical order in the index, with a cross reference to the particular one under which the collected references are assembled. In this way, no matter what subject name may first occur to a person consulting the index, it will be possible to turn at once to the one under which will be found all pertinent references to that subject.

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This arrangement has the advantage that references to a given subject can be discovered more quickly and with greater certainty than is possible when they are scattered under different subject headings. It is quite possible that such indexes to succeeding volumes of the Current List, each for periods of six months, can be consulted as conveniently and as successfully as a single volume of a collected index for a corresponding span of years.

In the case of the comprehensive Index-Catalogue of the Surgeon General's Library each volume corresponds to one or two letters of the alphabet and covers the literature for a period of some sixteen years. Since the span of years for each volume varies somewhat, the references to subjects having initials in the latter part of the alphabet are for a much later period of years than the span covered by the references to the subject listed in the earlier part of the alphabet. Thus the complete literature of medicine for any particular period of time is not covered by this indexing plan, and does not pretend to be, since full and final coverage of the literature, combined with absolute accuracy, is the prime consideration.

The principle of indexing by subject matter instead of names used in the titles of papers is in harmony with the general tendency toward greater specialization in science. It permits the assembled references to given subjects to be systematically subclassified in accordance with the relation they bear to each other and therefore presented in a manner more nearly in accord with the needs of the specialists in these fields. The gradual extension of this plan to more and more well defined fields of medical research will leave a smaller number of references to be indexed under a general heading. Eventually the entire field of medical research may be subdivided and indexed separately just as science in general has gradually been segregated into its various subdivisions and is no longer indexed as a whole.

CONCLUDING REMARKS. The need of attempts to improve the indexing of medical literature will undoubtedly be questioned by some. The field will be considered to be adequately covered by the indexes now being so meticulously made by the Army Medical Library and the American Medical Association.

The plans on which these two undertakings are conducted were made many years ago and in the meantime many changes both in the amount and character of medical literature have occurred. Although these two indexes are still performing a magnificent service to those engaged in medical research, there can be no doubt of the possibility that the study of and experiments in indexing may result in improvements. The Current List of Medical Literature offers a very favorable occasion for doing this and the suggestions here made are intended to draw attention to this opportunity.

A.S.



